

Abstract

In accordance with the invention, a compound with a protective action for nerve cell can be reselected by adding PPAR δ agonist to a culture cell system where toxic substances such as thapsigargin, MPP $^+$ and staurosporine are preliminarily allowed to react and reselecting a compound improving the survival rate. The compound selected by such method can be used as an active ingredient of a therapeutic agent for neurodegenerative diseases such as cerebral infarction and Parkinson's disease. Thus, the invention is very useful for research works for creating novel pharmaceutical agent.